

CHANGE ORDER
For Local Public Agency Projects

No.: 04

Non-Substantial: ☒

Substantial: ☐

Administering Office
Concurrence Date

Accounting ID No. (5-digit number): 36521

Project Number: TAP-U-4040(611)--8I-63

Contract Work Type: PCC Sidewalk/Trail

Local Public Agency: City of Knoxville

Contractor: Absolute Concrete Construction, Inc.

Date Prepared: June 22, 2021

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made:

Line Item 0100 - 2416-0100015 - Decrease APRONS, CONCRETE, 15 IN DIA by 1 from 5 to 4
Line Item 0110 - 2416-0100018 - Increase APRONS, CONCRETE, 18 IN DIA by 1 from 4 to 5
Line Item 0150 - 2416-1165015 - Decrease CULVERT 2000D CONCRETE ENTRANCE PIPE, 15 IN DIA by 25.5 LF from 162 LF to 136.5 LF
Line Item 0160 - 2416-1165018 - Increase CULVERT 2000D CONCRETE ENTRANCE PIPE, 18 IN DIA by 12 LF from 98 LF to 110 LF
Line Item 0190 - 2416-1200260 - Increase CULVERT, LOW CLEARANCE RCP ROADWAY PIPE, EQUIV. DIA 60 IN, by 1 from 31 to 32
Line Item 0210 - 2435-0251218 - Increase INTAKE, SW-512, 18 IN by 1 from 1 to 2
Line Item 0260 - 2502-8212036 - Increase SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN DIA by 5 from 145 to 150 (prior increase in CO #1)
Line Item 0280 - 2507-3250005 - Increase ENGINEERING FABRIC by 93.3 SY from 1085.1 SY to 1178.4 SY
Line Item 0290 - 2507-6800061 - Increase REVETMENT, CLASS E by 71.24 TONS from 784.80 TONS to 856.04 TONS
Add Line Item 8005 - Add 2519-3700000 GATE, AS PER PLAN, 3' for 2 EACH.
Add Line Item 8006 - Add 2519-3700000 GATE, AS PER PLAN, 6' for 2 EACH
Add Line Item 8007 - Add 2599-9999009 FENCE, WOOD POST, WOOD PANEL, for 95 LF
Add Line Item 8008 - Add 2599-9999010 (LUMP SUM) for subcontractor idle time and mobilization.

B - Reason for change:

Line Item 0100, 0110 - At STA 28+00, the plans called for a 18" apron; however, the quantities had counted this as a 15" apron.
Line Item 0150, 0160 - At STA 28+00, the plans called for a 15" pipe; however, this was coupled with an 18" apron, so this was switched to a 18" pipe for construction. There were other as-built adjustments on pipes throughout the project causing this to not be a 1:1 quantity exchange between items.
Line Item 0190 - Correcting to as-built quantity.
Line Item 0210 - There are two intakes in the plan set at STA 45+54 and STA 58+25; however, only 1 had been included in the quantities.
Line Item 0260, 0280, 0290 - Correcting to as-built quantity.
Line Item 8005, 8006, 8007 - Additional fencing items needed for property adjacent to trail right-of-way.
Line 8008 - Contractor arrived to install fence per plan on 4/21/21. City noted that the fence plan had changed from bid documents. Contractor was unable to proceed until the new design was finalized a change order was reviewed and approved.

C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:

Line Item 0100 - Decrease of \$1,550.00
Line Item 0110 - Increase of \$1,650.00
Line Item 0150 - Decrease of \$2,473.50
Line Item 0160 - Increase of \$1,224.00
Line Item 0190 - Increase of \$288.00
Line Item 0210 - Increase of \$1,250.00
Line Item 0260 - Increase of \$137.50
Line Item 0280 - Increase of \$746.40
Line Item 0290 - Increase of \$4,274.40
Line Item 8005 - Addition of \$935.26
Line Item 8006 - Addition of \$1,400.00
Line Item 8007 - Addition of \$9,388.85
Line Item 8008 - Addition of \$1,936.03

D - Justification for cost(s) (See I.M. 3.805, Attachment D, Chapter 2.36, for acceptable justification): Accounting ID No.(5-digit number): 36521
Line Items 0100, 0110, 0150, 0160, 0190, 0210, 0260, 0280, 0290 - Using contract unit price. Change Order No.: 4
Line Item 8005 and 8006 - There was only one letting with a gate item in the last 2 years, on July 2, 2019. There were two bids. The low bid was \$1,000; the high bid was \$2,500. The cost proposed for this project is similar to these bids
Line Item 8007 - The contract unit price for the fence is \$94.30/LF. The project was bid prior the start of the COVID pandemic and prior to the derecho in August 2020. Since that time, the cost of lumber has increased. The new unit cost of \$98.83 is reasonable to account for this material cost increase.
Line Item 8008 - Subcontractor idle time included:
2 laborers for 5.25 hours each on-site - $\$28.13 \times 5.25 \times 2 = \295.37
Diesel mileage - 106 miles $\times \$0.76 = \80.56
Vehicle Maintenance - 106 miles $\times \$1.06 = \112.36
Wages Travel - 4 hours $\times \$28.13 = \112.52
Wages Yard - 4 hours $\times \$35.00 = \140.00
Machine Time - 8 hours $\times \$88.65 = \709.20
Project Manager/Supervisor Time - 3 hours $\times \$50.00 = \150.00
Profit = \$160.01
Prime Markup = \$176.01
Total = \$1936.03

E - Contract time adjustment: ☒ No Working Days added ☐ Working Days added: _____ ☐ Unknown at this time

Justification for selection:
Changes do not delay overall schedule.

F - Items included in contract:

Participating				For deductions enter as "-x.xx"		
Federal-aid	State-aid	Line Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
X		0100	APRONS, CONCRETE, 15 IN DIA	\$1,550.00	-1.000	-\$1,550.00
X		0110	APRONS, CONCRETE, 18 IN DIA	\$1,650.00	1.000	\$1,650.00
X		0150	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 15 IN DIA	\$97.00	-25.500	-\$2,473.50
X		0160	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 18 IN DIA	\$102.00	12.000	\$1,224.00
X		0190	CULVERT, LOW ENTRANCE RCP ROADWAY PIPE, EQUIV. DIA. 60 IN	\$288.00	1.000	\$288.00
X		0210	INTAKE, SW-512, 18 IN	\$1,250.00	1.000	\$1,250.00
X		0260	SUBDRAIN, LONGITUDINAL (SHOULDER) 6 IN DIA	\$27.50	5.000	\$137.50
X		0280	ENGINEERING FABRIC	\$8.00	93.300	\$746.40
X		0290	REVTMENT, CLASS E	\$60.00	71.240	\$4,274.40
				Add Row	Delete Row	TOTAL
						\$5,546.80

G - Items not included in contract:

Participating					For deductions enter as "-x.xx"		
Federal-aid	State-aid	Change Number	Item Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
X		8005	2519-3700000	Gate, As Per Plan, 3'	\$467.63	2.000	\$935.26
X		8006	2519-3700000	Gate, As Per Plan, 6'	\$700.00	2.000	\$1,400.00
X		8007	2599-9999009	Fence, Wood Post, Wood Panel	\$98.83	95.000	\$9,388.85
X		8008	2599-9999010	Contractor Idle Time and Mobilization	\$1,936.03	1.000	\$1,936.03
				Add Row	Delete Row	TOTAL	\$13,660.14

Signatures will be applied through DocExpress.

Doc Express® Document Signing History

Contract: 63-4040-611 Document: CO 04

This document is in the process of being signed by all required signatories using the Doc Express® service. Following are the signatures that have occurred so far.

Date	Signed By
06/23/2021	Alonzo Barkley Absolute Concrete Construction Inc. Electronic Signature (Approved by Contractor (Optional))
06/23/2021	Mindy Moore Snyder & Associates, Inc Electronic Signature (Recommended by Engineer / Approved)
06/24/2021	Brandon Nemmers City of Knoxville - Iowa Electronic Signature (Approved by PIRC (when applicable))
	(Approved by Administering Office or designee)
	(Approved by FHWA (when applicable))